

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/528,928
Source: PCF
Date Processed by STIC: 4-6-05

ENTERED

CRF ERRORS Edited By the STIC Systems Branch

Serial Number: 10/528,928

CRF Edit Date: 4-6-05
Edited by: ZL

Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

Corrected the SEQ ID NO. Sequence numbers edited were:

Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

Deleted: invalid beginning/end-of-file text; _____ page numbers

Inserted mandatory headings/numeric identifiers, specifically:

Moved responses to same line as heading/numeric identifier, specifically:

Other:



PCT

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/528,928

DATE: 04/06/2005
TIME: 15:30:37

Input Set : A:\pto.kd.txt
Output Set: N:\CRF4\04062005\J528928.raw

9 <110> APPLICANT: Janssen Pharmaceutica N.V.
 11 <120> TITLE OF INVENTION: Amyloid-Beta monoclonal antibodies, compositions, methods
 and uses
 13 <130> FILE REFERENCE: PRD 32
 C--> 15 <140> CURRENT APPLICATION NUMBER: US/10/528,928
 C--> 15 <141> CURRENT FILING DATE: 2005-03-23
 15 <150> PRIOR APPLICATION NUMBER: PCT/EP02/11062
 16 <151> PRIOR FILING DATE: 2002-09-27
 18 <160> NUMBER OF SEQ ID NOS: 12
 20 <170> SOFTWARE: PatentIn version 3.1
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 5
 24 <212> TYPE: PRT
 25 <213> ORGANISM: Artificial Sequence
 27 <220> FEATURE:
 28 <223> OTHER INFORMATION: Immunogen consisting of the first 5 amino acids of the BACE1
 clea
 29 vage site of human amyloid beta
 31 <400> SEQUENCE: 1
 33 Glu Val His His Gln
 34 1 5
 37 <210> SEQ ID NO: 2
 38 <211> LENGTH: 7
 39 <212> TYPE: PRT
 40 <213> ORGANISM: Artificial Sequence
 42 <220> FEATURE:
 43 <223> OTHER INFORMATION: Immunogen consisting of the first 7 amino acids of the BACE1
 clea
 44 vage site of human amyloid beta
 46 <400> SEQUENCE: 2
 48 Glu Val His His Gln Lys Ile
 49 1 5
 52 <210> SEQ ID NO: 3
 53 <211> LENGTH: 5
 54 <212> TYPE: PRT
 55 <213> ORGANISM: Artificial Sequence
 57 <220> FEATURE:
 58 <223> OTHER INFORMATION: Immunogen consisting of the first 5 amino acids of the BACE1
 clea
 59 vage site of mouse amyloid beta
 61 <400> SEQUENCE: 3
 63 Glu Val Arg His Gln
 64 1 5
 67 <210> SEQ ID NO: 4

68 <211> LENGTH: 7
69 <212> TYPE: PRT
70 <213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/528,928

DATE: 04/06/2005

TIME: 15:30:37

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\04062005\J528928.raw

72 <220> FEATURE:
 73 <223> OTHER INFORMATION: Immunogen consisting of the first 7 amino acids of the BACE1
 clea
 74 vage site of mouse amyloid beta
 76 <400> SEQUENCE: 4
 78 Glu Val Arg His Gln Lys Leu
 79 1 5
 82 <210> SEQ ID NO: 5
 83 <211> LENGTH: 136
 84 <212> TYPE: PRT
 85 <213> ORGANISM: Mus sp.
 87 <220> FEATURE:
 W--> 88 <221> NAME/KEY: CDR1
 89 <222> LOCATION: (50)..(54)
 90 <223> OTHER INFORMATION:
 93 <220> FEATURE:
 W--> 94 <221> NAME/KEY: CDR2
 95 <222> LOCATION: (69)..(85)
 96 <223> OTHER INFORMATION:
 W--> 99 <220>
 W--> 100 <221> NAME/KEY: CDR3
 101 <222> LOCATION: (118)..(125)
 102 <223> OTHER INFORMATION:
 W--> 105 <400> 5
 107 Met Lys Cys Ser Trp Val Ile Phe Phe Leu Met Ala Val Val Ile Gly
 108 1 5 10 15
 111 Ile Asn Ser Glu Gly Gln Leu Gln Gln Ser Gly Ala Glu Leu Val Arg
 112 20 25 30
 115 Ser Gly Ala Ser Leu Lys Leu Ser Cys Thr Ala Ser Gly Phe Asn Ile
 116 35 40 45
 119 Lys Asp His Tyr Val His Trp Val Arg Gln Arg Pro Glu Gln Gly Leu
 120 50 55 60
 123 Asp Trp Ile Gly Trp Ile Ala Pro Lys Asn Gly Tyr Ser Glu Ser Ala
 124 65 70 75 80
 127 Pro Lys Phe Gln Gly Lys Ala Ser Met Thr Ala Asp Thr Ser Ser Asn
 128 85 90 95
 131 Thr Val Tyr Leu Gln Leu Ser Ser Leu Thr Ser Glu Asp Thr Ala Val
 132 100 105 110
 135 Tyr Tyr Cys Phe Ala Gly Phe Tyr Asp Ser Ser Leu Tyr Trp Gly Gln
 136 115 120 125
 139 Gly Thr Thr Leu Thr Val Ser Ser
 140 130 135
 143 <210> SEQ ID NO: 6
 144 <211> LENGTH: 133
 145 <212> TYPE: PRT
 146 <213> ORGANISM: Mus sp.
 148 <220> FEATURE:
 W--> 149 <221> NAME/KEY: CDR1
 150 <222> LOCATION: (44)..(59)
 151 <223> OTHER INFORMATION:

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/10/528,928

DATE: 04/06/2005
 TIME: 15:30:37

Input Set : A:\pto.kd.txt
 Output Set: N:\CRF4\04062005\J528928.raw

154 <220> FEATURE:
 W--> 155 <221> NAME/KEY: CDR2
 156 <222> LOCATION: (75)..(81)
 157 <223> OTHER INFORMATION:
 W--> 160 <220>
 W--> 161 <221> NAME/KEY: CDR3
 162 <222> LOCATION: (114)..(122)
 163 <223> OTHER INFORMATION:
 W--> 166 <400> 6
 168 Met Met Ser Pro Ala Gln Phe Leu Phe Leu Leu Val Leu Trp Ile Arg
 169 1 5 10 15
 172 Glu Thr Asn Gly Asp Val Val Met Thr Gln Thr Pro Leu Thr Leu Ala
 173 20 25 30
 176 Val Thr Ile Gly Gln Pro Ala Ser Ile Ser Cys Lys Ser Gly Gln Ser
 177 35 40 45
 180 Leu Leu Ala Arg Asp Gly Lys Thr Tyr Leu Ser Trp Leu Leu Gln Arg
 181 50 55 60
 184 Pro Gly Gln Ser Pro Lys Arg Leu Ile Tyr Leu Val Ser Lys Leu Asp
 185 65 70 75 80
 188 Ser Gly Val Pro Asp Arg Phe Ser Gly Ser Gly Thr Asp Phe
 189 85 90 95
 192 Thr Leu Lys Ile Asn Arg Val Glu Ala Glu Asp Leu Gly Val Tyr Tyr
 193 100 105 110
 196 Cys Trp Gln Gly Thr His Phe Pro Arg Thr Phe Gly Gly Thr Asn
 197 115 120 125
 200 Leu Glu Ile Lys Arg
 201 130
 204 <210> SEQ ID NO: 7
 205 <211> LENGTH: 133
 206 <212> TYPE: PRT
 207 <213> ORGANISM: Mus sp.
 209 <220> FEATURE:
 W--> 210 <221> NAME/KEY: CDR1
 211 <222> LOCATION: (50)..(54)
 212 <223> OTHER INFORMATION:
 215 <220> FEATURE:
 W--> 216 <221> NAME/KEY: CDR2
 217 <222> LOCATION: (69)..(85)
 218 <223> OTHER INFORMATION:
 W--> 221 <220>
 W--> 222 <221> NAME/KEY: CDR3
 223 <222> LOCATION: (118)..(122)
 224 <223> OTHER INFORMATION:
 W--> 227 <400> 7
 229 Met Gly Trp Ser Trp Ile Phe Leu Phe Leu Leu Ser Gly Thr Ala Gly
 230 1 5 10 15
 233 Val Leu Ser Glu Val Gln Leu Gln Gln Ser Gly Pro Asp Leu Val Lys
 234 20 25 30
 237 Pro Gly Ala Ser Val Lys Thr Ser Cys Lys Thr Ser Gly Tyr Ser Phe

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/528,928

DATE: 04/06/2005
TIME: 15:30:37

Input Set : A:\pto.kd.txt
Output Set: N:\CRF4\04062005\J528928.raw

| | | | | |
|----------|---|-----|-----|----|
| 238 | 35 | 40 | 45 | |
| 241 | Thr Glu Tyr Ile Met Ser Trp Val Arg Gln Ser His Gly Lys Ser Leu | | | |
| 242 | 50 | 55 | 60 | |
| 245 | Glu Trp Ile Gly Ser Ile Asn Pro Asn Thr Gly Gly Ser Arg Tyr Asn | | | |
| 246 | 65 | 70 | 75 | 80 |
| 249 | Gln Lys Phe Lys Gly Lys Ala Thr Leu Thr Val Asp Lys Ser Ser Ser | | | |
| 250 | 85 | 90 | 95 | |
| 253 | Thr Ala Tyr Met Glu Phe Arg Ser Leu Thr Ser Glu Asp Ser Ala Val | | | |
| 254 | 100 | 105 | 110 | |
| 257 | Tyr Tyr Cys Ala Arg Gly Asp Phe Asp Tyr Trp Gly Gln Gly Thr Thr | | | |
| 258 | 115 | 120 | 125 | |
| 261 | Leu Thr Val Ser Ser | | | |
| 262 | 130 | | | |
| 265 | <210> SEQ ID NO: 8 | | | |
| 266 | <211> LENGTH: 133 | | | |
| 267 | <212> TYPE: PRT | | | |
| 268 | <213> ORGANISM: Mus sp. | | | |
| 270 | <220> FEATURE: | | | |
| W--> 271 | <221> NAME/KEY: CDR1 | | | |
| 272 | <222> LOCATION: (44)..(59) | | | |
| 273 | <223> OTHER INFORMATION: | | | |
| 276 | <220> FEATURE: | | | |
| W--> 277 | <221> NAME/KEY: CDR2 | | | |
| 278 | <222> LOCATION: (75)..(81) | | | |
| 279 | <223> OTHER INFORMATION: | | | |
| W--> 282 | <220> | | | |
| W--> 283 | <221> NAME/KEY: CDR3 | | | |
| 284 | <222> LOCATION: (114)..(122) | | | |
| 285 | <223> OTHER INFORMATION: | | | |
| W--> 288 | <400> 8 | | | |
| 290 | Met Arg Phe Ser Ala Gln Leu Leu Gly Leu Leu Val Leu Trp Ile Pro | | | |
| 291 | 1 | 5 | 10 | 15 |
| 294 | Gly Ser Thr Ala Asp Ile Val Met Thr Gln Ala Ala Phe Ser Asn Pro | | | |
| 295 | 20 | 25 | 30 | |
| 298 | Val Thr Leu Gly Thr Ser Ala Ser Ile Ser Cys Arg Ser Ser Lys Asn | | | |
| 299 | 35 | 40 | 45 | |
| 302 | Leu Leu His Ser Asn Gly Ile Thr Tyr Leu Tyr Trp Tyr Leu Gln Arg | | | |
| 303 | 50 | 55 | 60 | |
| 306 | Pro Gly Gln Ser Pro Gln Leu Leu Ile Ser Arg Val Ser Asn Leu Ala | | | |
| 307 | 65 | 70 | 75 | 80 |
| 310 | Ser Gly Val Pro Asn Arg Phe Ser Gly Ser Glu Ser Gly Thr Asp Phe | | | |
| 311 | 85 | 90 | 95 | |
| 314 | Thr Leu Arg Ile Ser Arg Val Glu Ala Glu Asp Val Gly Val Tyr Tyr | | | |
| 315 | 100 | 105 | 110 | |
| 318 | Cys Ala Gln Leu Leu Glu Leu Pro Phe Thr Phe Gly Ser Gly Thr Lys | | | |
| 319 | 115 | 120 | 125 | |
| 322 | Leu Glu Ile Lys Arg | | | |
| 323 | 130 | | | |
| 326 | <210> SEQ ID NO: 9 | | | |

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/528,928

DATE: 04/06/2005
TIME: 15:30:37

Input Set : A:\pto.kd.txt
Output Set: N:\CRF4\04062005\J528928.raw

327 <211> LENGTH: 138
 328 <212> TYPE: PRT
 329 <213> ORGANISM: Mus sp.
 331 <220> FEATURE:
W--> 332 <221> NAME/KEY: CDR1
 333 <222> LOCATION: (50)..(54)
 334 <223> OTHER INFORMATION:
 337 <220> FEATURE:
W--> 338 <221> NAME/KEY: CDR2
 339 <222> LOCATION: (69)..(85)
 340 <223> OTHER INFORMATION:
W--> 343 <220>
W--> 344 <221> NAME/KEY: CDR3
 345 <222> LOCATION: (118)..(127)
 346 <223> OTHER INFORMATION:
W--> 349 <400> 9
 351 Met Glu Trp Thr Trp Val Phe Leu Phe Leu Ser Val Thr Ala Gly
 1 5 10 15
 352 5 10 15
 355 Val His Ser Gln Val Gln Leu Gln Gln Ser Gly Pro Glu Leu Met Lys
 20 25 30
 356 20 25 30
 359 Pro Gly Ala Ser Val Lys Ile Ser Cys Lys Ala Thr Gly Tyr Thr Phe
 35 40 45
 360 35 40 45
 363 Ser Thr Ser Trp Ile Glu Trp Ile Lys Gln Arg Pro Gly His Gly Leu
 50 55 60
 364 50 55 60
 367 Glu Trp Ile Gly Glu Val Leu Pro Gly Ser Gly Lys Ser Asn His Asn
 65 70 75 80
 368 65 70 75 80
 371 Ala Asn Phe Lys Gly Arg Ala Thr Phe Thr Ala Asp Thr Ala Ser Asn
 85 90 95
 372 85 90 95
 375 Thr Ala Tyr Met Gln Leu Ser Ser Leu Thr Ser Glu Asp Ser Ala Val
 100 105 110
 376 100 105 110
 379 Tyr Tyr Cys Ala Arg Glu Gly Ser Asn Asn Asn Ala Leu Ala Tyr Trp
 115 120 125
 380 115 120 125
 383 Gly Gln Gly Thr Leu Val Thr Val Ser Ala
 130 135
 384 130 135
 387 <210> SEQ ID NO: 10
 388 <211> LENGTH: 128
 389 <212> TYPE: PRT
 390 <213> ORGANISM: Mus sp.
 392 <220> FEATURE:
W--> 393 <221> NAME/KEY: CDR1
 394 <222> LOCATION: (46)..(55)
 395 <223> OTHER INFORMATION:
 398 <220> FEATURE:
W--> 399 <221> NAME/KEY: CDR2
 400 <222> LOCATION: (60)..(67)
 401 <223> OTHER INFORMATION:
W--> 404 <220>
W--> 405 <221> NAME/KEY: CDR3
 406 <222> LOCATION: (110)..(117)

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/528,928

DATE: 04/06/2005
TIME: 15:30:38

Input Set : A:\pto.kd.txt
Output Set: N:\CRF4\04062005\J528928.raw

L:15 M:270 C: Current Application Number differs, Replaced Current Application No
L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:88 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:5
L:94 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:5
L:99 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:5,Line#:90
L:100 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:5
L:105 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:5,Line#:96
L:105 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:5,Line#:102
L:149 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:6
L:155 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:6
L:160 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:6,Line#:151
L:161 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:6
L:166 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:6,Line#:157
L:166 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:6,Line#:163
L:210 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:7
L:216 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:7
L:221 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:7,Line#:212
L:222 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:7
L:227 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:7,Line#:218
L:227 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:7,Line#:224
L:271 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:8
L:277 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:8
L:282 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:8,Line#:273
L:283 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:8
L:288 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:8,Line#:279
L:288 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:8,Line#:285
L:332 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:9
L:338 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:9
L:343 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:9,Line#:334
L:344 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:9
L:349 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:9,Line#:340
L:349 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:9,Line#:346
L:393 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:10
L:399 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:10
L:404 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:10,Line#:395
L:405 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:10
L:410 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:10,Line#:401
L:410 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:10,Line#:407
L:450 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:11
L:456 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:11
L:461 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:11,Line#:452
L:462 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:11
L:467 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:11,Line#:458
L:467 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:11,Line#:464
L:511 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:12
L:517 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:12
L:522 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:12,Line#:513
L:523 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:12

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/528,928

DATE: 04/06/2005

TIME: 15:30:38

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\04062005\J528928.raw

L:528 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:12,Line#:519

L:528 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:12,Line#:525